



Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

January 7, 2010

Mader Design, LLC
ATTN: Jeff Mader, RLA
8880 South Franklin Road
Indianapolis, IN 46256
VIA E-MAIL: jeff@maderdesignllc.com

RE: Bray Family Homestead Park

Dear Mr. Mader:

We have reviewed the construction plan submittal to the Hamilton County Surveyor's Office on December 1, 2009, for this project and have the following comments:

1. The proposed project falls in unincorporated area and MS4 jurisdiction of Hamilton County.
2. The proposed project falls in the Beals & Cox Regulated Drain Watershed. The Beals & Cox Regulated Drain is located within the overall boundary of this project.
3. This proposed project DOES NOT fall within a Westfield Wellhead Protection Zone, but DOES fall within a Harbor Water Wellhead Protection Zone.
4. The proposed project is a direct outlet to the Beals & Cox Regulated Drain. A direct outlet permit for the discharge into the Beals & Cox Regulated Drain will be required before final approval. The application is available on our website at <http://www.hamiltoncounty.in.gov>, go to Department Directory, Surveyor's Office, and Forms. The fee is waived, as this is a Hamilton County Parks Department project.
5. The drainage calculation methods are not as required in the Hamilton County Stormwater Management Technical Standards Manual. Detention does need to be provided for this project and the runoff rates should be based on the developed area

only, unless the entire site is being master planned for drainage. Based on the land disturbance area of 0.9 acres, the allowable release rates for this site are 0.09 cfs for the 1 to 10 year 24 hour storm event and 0.27 cfs for the 11 to 100 year 24 hour storm event. In this case, this would probably be best accomplished using an orifice (6" minimum) and storing the water in the parking lot/vegetated drainage swale. Please refer to the HCSMTSM for applicable details.

6. Please submit revised plans after addressing all TAC agency comments.
7. Please note that further comments may be necessary at a later date.

Should you have any questions, I can be reached at 317-776-8495.

Sincerely,

A handwritten signature in blue ink that reads "Greg Hoyes". The signature is written in a cursive, flowing style.

Greg Hoyes, AC, CFM, CPESC
Plan Reviewer

CC: Pete White – Westfield Public Works
Kevin Todd – City of Westfield
Dave Lucas – HCHD
Al Patterson – HCPD
Bob Thompson - HCSO